

AMENDMENTS TO THE SPECIFICATION.

Please replace the paragraph beginning at page 3, lines 13-16 with the following amended paragraph:

According to a first embodiment of the invention, there is provided a peptide having the amino acid sequence GPRLGYSWHX, wherein the amino acids are D-amino acids and X is any amino acid (SEQ ID NO:3). More particularly, X is E, Q, P or G (SEQ ID NO:4), and even more particularly, X is E or Q (SEQ ID NO:5). Thus, a preferred amino acid sequence for the peptide is GPRLGYSWHE (SEQ ID NO:1).

Please replace the paragraph beginning at page 7, lines 25-29 with the following amended paragraph:

The invention describes a retro-inverso gonadotropin-releasing hormone (GnRH) peptide which is capable of eliciting an immune response directed against GnRH, the peptide having the amino acid sequence GPRLGYSWHX, wherein the amino acids are D-amino acids and X is any amino acid (SEQ ID NO:3). More particularly, X is E, Q, P or G (SEQ ID NO:4), and even more particularly, X is E or Q (SEQ ID NO:5). Thus, a preferred amino acid sequence for the peptide is GPRLGYSWHE (SEQ ID NO:1).

Please replace the paragraph beginning at page 15, lines 5-10 with the following amended paragraph:

Anti-RI-GnRH antibodies in all eluted fractions bound the fixed RI-GNRH peptide on ELISA plates. Increasing amounts of free RI-GnRH peptide incrementally decreased the amount of anti-RI-GnRH antibodies available to bind the fixed RI-GnRH peptide on ELISA plates (Fig. 2a). The anti-RI-GnRH antibody binding was not significantly inhibited by unrelated L-peptide sequence, VRTVEDGEC (SEQ ID NO:6) (V9C). This suggests that these antibodies bind the RI-GnRH-peptide sequence with high specificity (Fig. 2a).